

# Jean C C Vila

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7419587/publications.pdf>

Version: 2024-02-01

10  
papers

517  
citations

1170033

9  
h-index

1526636

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional attractors in microbial community assembly. <i>Cell Systems</i> , 2022, 13, 29-42.e7.	2.9	59
2	Complex yeast-bacteria interactions affect the yield of industrial ethanol fermentation. <i>Nature Communications</i> , 2021, 12, 1498.	5.8	52
3	Nutrient dominance governs the assembly of microbial communities in mixed nutrient environments. <i>ELife</i> , 2021, 10, .	2.8	56
4	Directed Evolution of Microbial Communities. <i>Annual Review of Biophysics</i> , 2021, 50, 323-341.	4.5	51
5	Engineering complex communities by directed evolution. <i>Nature Ecology and Evolution</i> , 2021, 5, 1011-1023.	3.4	54
6	A metabolic modeling platform for the computation of microbial ecosystems in time and space (COMETS). <i>Nature Protocols</i> , 2021, 16, 5030-5082.	5.5	70
7	Dissimilarity-Overlap analysis of replicate enrichment communities. <i>ISME Journal</i> , 2020, 14, 2505-2513.	4.4	17
8	Uncovering the rules of microbial community invasions. <i>Nature Ecology and Evolution</i> , 2019, 3, 1162-1171.	3.4	46
9	On the deformability of an empirical fitness landscape by microbial evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11286-11291.	3.3	53
10	Ecological effects of cellular computing in microbial populations. <i>Natural Computing</i> , 2018, 17, 811-822.	1.8	3